

Form PTO-1449

APR 20 2007

Docket No.: D-3214

Application No.: 10/550,843

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**
(Use several sheets if necessary)

Applicant: Calvez et al.

Filing Date: March 24, 2004

Group Art Unit: Unknown

U. S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,052,016	09/1991	Mahbobzadeh et al.			
	5,461,637	10/1995	Mooradian et al.			
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	5,627,853	05/1997	Mooradian et al.			
	6,628,695	09/2003	Aldaz et al.			
	2002/0075929	06/2002	Cunningham			

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						YES	NO
	WO 95/25366	09/1995	International				
	WO 99/12235	03/1999	International				
	WO 00/10234	02/2000	International				
	WO 00/12235	03/2000	International				
	WO 00/25398	04/2000	International				
	WO 00/25399	04/2000	International				
	WO 01/59895	08/2001	International				
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AA	W.J. Alford et al., "High Power and good beam quality at 980 nm from a vertical external-cavity surface-emitting laser", <i>Journal of the Optical Society of America B (Optical Physics) Opt. Soc. America USA</i> , Vol. 19, No. 4, pages 663-666, 2002.
AB	C. Asplund et al, "1260 nm InGaAs vertical-cavity lasers", <i>Electronics Letters</i> , Vol. 38, No. 13, 2002, p.635-636
AC	D.I. Babic et al., "Double-fused 1.52- μ m vertical-cavity lasers", <i>Appl. Phys. Lett.</i> (9), 27, 1995, P.1030-1032.
AD	W.W. Bewley et al, "Thermal Characterization of Diamond-Pressure-Bond Heat Sinking for Optically Pumped Mid-Infrared Lasers", <i>IEEE Journal of Quantum Electronics</i> , Vol. 35, No. 11, 1999, p. 1597-1601.
AE	E. Staffan Björin, "High Gain, High Efficiency Vertical-Cavity Semiconductor Optical Amplifiers", <i>IPRM</i> , 2002, p. 307-310.
AF	A. Black, "Wafer Fusion: Materials Issues and Device Results", <i>IEEE Journal Sel. Topics in Quantum Electronics</i> , Vol. 3, No. 3, 1997, p. 943-951.

EXAMINER

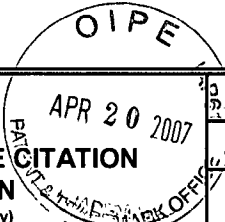
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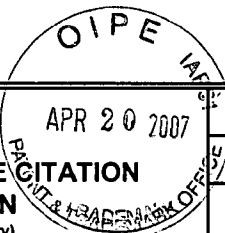
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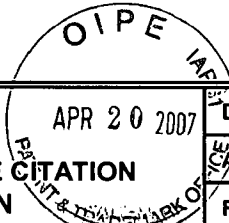
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	AG	M.J. Bohn, "Resonant optical pumping of vertical-cavity surface emitting lasers", <i>Optics Communications</i> , 117(1995) p. 111-115.					
	AH	H. Bourdouce, "Design of Ultra-Fast Dual-Wavelength Resonant-Cavity-Enhanced Schottky Photodetectors", <i>IEEE Journal of Quantum Electronics</i> , Vol. 37, No. 1, 2001, p. 63-68.					
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	AK	R.P. Espindola, "High power, low RIN, spectrally-broadened 14xx DFB pump for application in co-pumped Raman amplification", <i>ECOC</i> , 2001.					
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	AM	M.F. Ferreira et al., "Impact of Stimulated Brillouin Scattering on Fibre Raman Amplifiers", <i>Electronics Letters</i> , Vol. 27, No. 17, 1991, p. 1576-1577.					
	AN	C.R.S. Fludger et al., "Pump to signal RIN transfer in Raman fibre amplifiers", <i>Electronics Letters</i> , Vol. 37, No. 1, 2001, p. 15-17.					
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	AP	M.D. Gerhold, "Novel Design of a Hybrid-Cavity Surface-Emitting Laser", <i>IEEE Journal of Quantum Electronics</i> , Vol. 34, No. 3, 1998, p. 506-510.					
	AQ	M.A. Hadley et al., "High single-transverse-mode output from external-cavity surface-emitting laser diodes", <i>Appl. Phys. Lett.</i> , 63, 1607-1609, 1993.					
	AR	S. Hamidi et al., "Effect of Pump Laser Mode Structure on the Gain of Forward Pumped Raman Fibre Amplifier in the Presence of Stimulated Brillouin Scattering", <i>Electronic Letters</i> , Vol. 28, No. 18, 1992, p. 1768-1770.					
	AS	R. Häring et al., "Picosecond surface-emitting semiconductor laser with >200 mW average power", <i>Electronics Letters</i> , Vol. 37, No. 12, 2001, p. 766-767.					
	AT	R. Häring et al., "High-Power Passively Mode-Locked Semiconductor Lasers", <i>IEEE Journal of Quantum Electronics</i> , Vol. 38, No. 9, 2002, p. 1268.					
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	AV	M.A. Holm et al, "Actively Stabilized Single-Frequency Verticle-External-Cavity AlGaAs Laser, <i>IEEE Photonics Tech. Lett.</i> 11, 12, 1999 , p. 1551.					
	AW	M.A. Holm et al, "High-power diode-pumped AlGaAs surface-emitting laser", <i>Appl. Optics</i> , 38, 27, 1999 , pp. 5781-5784.					
	AX	S. Hoogland et al., "Passively mode-locked diode-pumped Surface-emitting semiconductor laser", <i>IEEE Photonics Tech. Letters</i> , Vol. 12, No. 9, 2000 , p. 1135-1137.					
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	BE	C.P. Lee et al., "Dual-wavelength Bragg reflectors using GaAs/AlAs multilayers", <i>Electronics Letters</i> , Vol. 29, No. 22, 1993 , p. 1980-1981.					
	BF	Z.L. Liao et al., "Nanometer air gaps in semiconductor wafer bonding", <i>Applied Physics Letters</i> , Vol. 78, No. 23, 2001 , p. 3726-3728.					
	BG	Z.L. Liao et al., "Semiconductor wafer bonding via liquid capillarity", <i>Applied Physics Letters</i> , Vol. 77, No. 5, 2001 , p. 651-653.					
	BH	Y.H. Lo et al., "Semiconductor lasers on Si substrates using the technology of bonding by atomic rearrangement", <i>Appl. Phys. Lett.</i> , Vol. 62(10), 1993 , p. 1038-1040.					
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	BI	D.J. Lovering et al., "Optimisation of dual-wavelength Bragg mirrors." <i>Electronics Letters</i> , Vol. 32, No. 19, 1996 , p. 1782-1784.					
	BJ	M.D. Mermelstein et al., "RIN transfer analysis in pump depletion regime for Raman fibre amplifiers", <i>Electronics Letters</i> , Vol. 38, No. 9, 2002 , p. 403-405.					
	BK	P. Michler et al., "Emission Dynamics of In _{0.2} Ga _{0.8} As/GaAs λ and 2 λ Microcavity Lasers", <i>Applied Physics Letters</i> , American Institute of Physics, New York, US, Vol. 68, No. 2, 1996 , pages 156-158.					
	BL	S.S. Murtaza et al., "High-Efficiency, Dual-Wavelength, Wafer-Fused Resonant-Cavity Photodetector Operating at Long Wavelengths", <i>IEEE Photon. Tech. Lett.</i> , Vol. 7, No. 6, 1995 , p. 679-681.					
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	BP	M. Schulze et al, "Efficiency Experts", <i>Photonics Spectra</i> , May 2001 .					
	BQ	M. Schulze, "Technologischer Durchbruch mit blauen Festkörperlasern", <i>Photonik 3</i> , 2001 .					
	BR	C. Stewen et al., "A 1-k W CW Thin Disc Laser", <i>IEEE J. of Sel. Topics Quant. Electron.</i> , Vol. 6, No. 4, 2000 , p. 650-657.					
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	BT	E. Yablonovitch et al., "Van der Waals bonding of GaAs epitaxial liftoff films onto arbitrary substrates", <i>Appl. Phys. Lett.</i> , Vol. 56, No. 24, 1990 , p. 2419-2421.					
	BU	F. Yang et al., "Edge-emitting quantum well laser with Bragg reflectors", <i>Appl. Phys. Lett.</i> , Vol. 66, No. 22, 1995 , p. 2949-2951.					
	BV	Coherent Laser Division. Sapphire Optically Pumped Semiconductor Lasers, Copyright 2002, Coherent, Inc.					
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